Overview

What's New

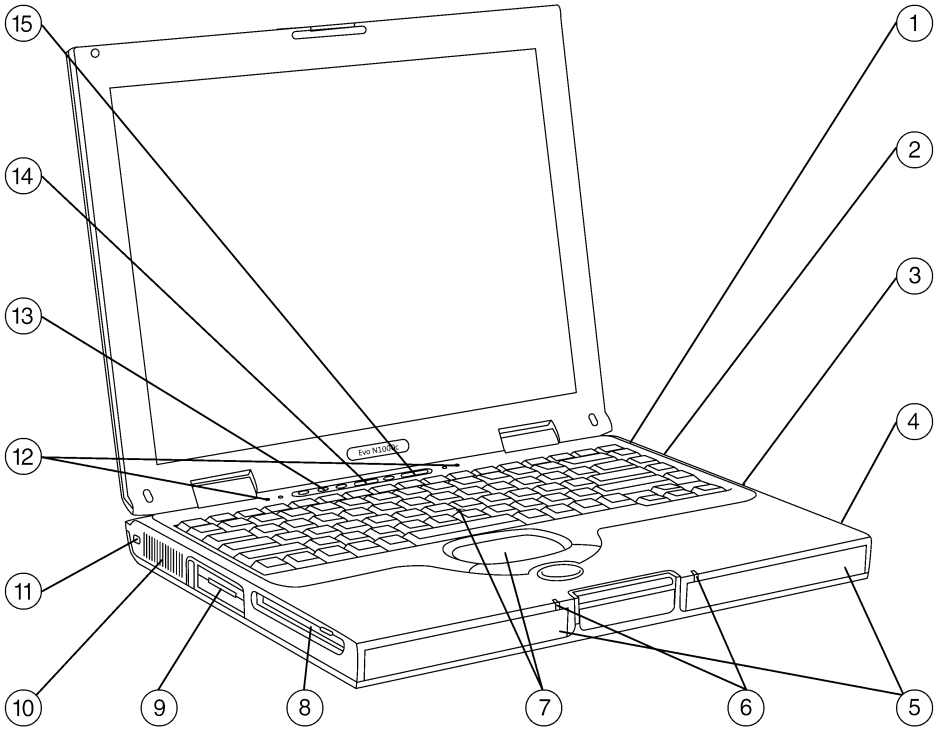
- Mobile Intel® Pentium® 4 processors-M – up to 1.7 GHz
- 400-MHz bus
- ATI Mobility Radeon 7500 Graphics Controller
- MultiPort wireless communication options
- Dual Pointing Device
- Common Port Replicator, Advanced Port Replicator, and External MultiBay Options

At A Glance

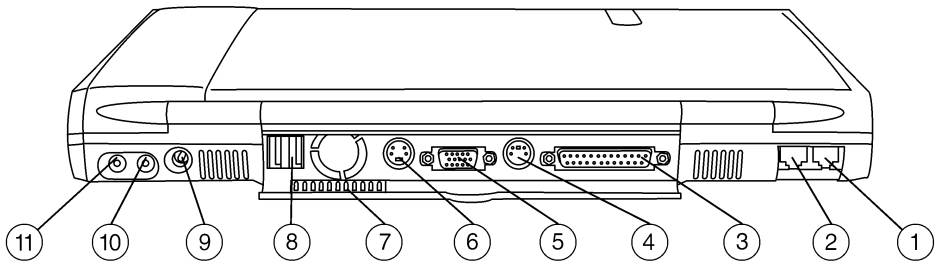
- Mobile Intel Pentium 4 processors — up to 1.7 GHz
- 15-inch XGA
- Configurations as light as 6.82 lb/3.10 kg weight
- 256 MB DDR SDRAM (266 MHz), Upgradeable to 1024 MB
- Up to 30-GB SMART hard drives
- Mini PCI modem and integrated NIC
- Full-size keyboard
- Microsoft® Windows® XP Pro and Microsoft Windows 2000
- Protected by a Three-year, Worldwide Limited Warranty — certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

What's Special

- Intel Pentium 4 processors
- All-in-one convenient design
- Latest USB interface
- Wireless features through \award-winning MultiPort
- New Common Docking Options



1. 1394
2. Infrared
3. Optical Drive
4. Battery
5. Stereo Speakers
6. System LEDs
7. Dual Pointing Devices
8. Diskette Drive
9. PC Card Slot (1)
10. Air Vent
11. Kensington Lock
12. Keyboard LEDs
13. Easy Access Buttons
14. Power Button
15. Volume Control



1. RJ-11
2. RJ-45
3. Parallel
4. PS/2
5. VGA
6. S-video
7. Air Vent
8. USB
9. DC in
10 Audio in
11. Headphone

Standard Features

Processor and Panel	Mobile Intel Pentium 4 processor-M - 1.7 GHz with 512-KB L2 cache 15-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal) **NOTE**: Mobile Intel Pentium processors featuring Intel SpeedStep technology, speed denotes maximum performance mode; battery optimization mode is approximately 80% of maximum performance mode.
Memory	Standard/Maximum 256 MB (266 MHz) DDR SDRAM (256 MB SODIMM in slot 1) 1024 MB (266 MHz) DDR SDRAM (512 MB SODIMMs in slots 1 and 2) **NOTE**: Due to the non-industry standard nature of some third-party memory modules, we recommend Compaq branded memory to ensure compatibility.
Communications	10/100 NIC is integrated on the system board Type III Mini PCI 56K (V.92) modem **NOTE**: Designed only to allow faster downloads from V.92 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions. **NOTE**: Modem availability is subject to country regulatory approval
Keyboard	102-key compatible keyboard with isolated, inverted-T cursor control keys, and right-control key, special feature hotkeys for instant access to power conservation, toggle between internal and external, or simultaneous displays, and control brightness and contrast.
Easy Access Internet Buttons	The *Evo*™ Notebook N1000c comes with three Easy Access Buttons (EAB) designed to increase customer productivity by providing one-touch access to helpful Compaq information, favorite Internet destinations, or default e-mail application. The EAB portion of the keyboard deck also includes dedicated hardware volume control and a quick-launch button for CD/DVD play.
Pointing Device	Dual pointing devices (both pointstick and touchpad)
PC Card Slots	One Type II PC Card Slot which supports both 32-bit CardBus and 16-bit PC Cards
Storage	Fixed Diskette Drive: 1.44-MB Diskette Drive Primary Hard Drive: 30 GB Fixed Optical Drive: DVD/CD-RW Combo Drive
Multimedia	JBL Pro Speakers with bass reflex and 16-bit stereo sound Integrated microphone Dedicated Hardware volume controls Headphone-out port Microphone in port Software MPEG1 support, MPEG2 and DVD 8X DVD/CD-RW Combination Drive (on select models) 8X DVD-ROM Drive with movie playback software (on select models) S-video Port IEEE 1394 Port 4X AGP graphics 32-MB of DDR (Double Date Rate) SDRAM

Standard Features

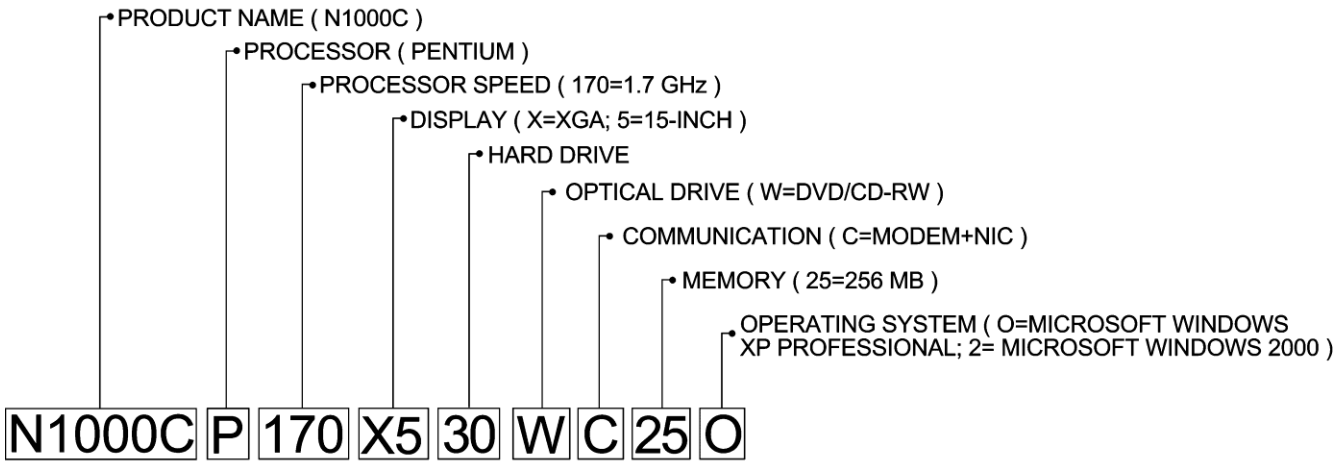
Interfaces	PC Card	One Type II
	Enhanced Parallel EPP/ECP	1
	PS/2	1
	S-Video	1
	VGA	1
	1394	1
	Port Replicator	1
	Headphone/Line-out	1
	Microphone in	1
	DC Power	1
	RJ-11 (modem)	1
	RJ-45 (NIC)	1
	Infrared Port	1 (4 Mb/s support) (IrDA 4 MB compliant. IR performance will vary depending on performance of IR peripherals and application used.)
	USB Port	2
	LED status indicators	6
Graphics	ATI Mobility Radeon 7500, 64-bit video graphics with 32 MB DDR VRAM for increased color depth and graphics performance	
Display (External)	Up to 32-bit per pixel color depth Supports 640 x 480, 800 x 600, 1024 x 768, 1280 x 1024, 1400 x 1050, 1600 x 1200, or 2048 x 1536 resolutions up to 160-Hz refresh rate, dependent upon monitor capability, resolution and color depth settings	
Display (Internal)	15-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)	
Operating System	Microsoft Windows XP Pro or Microsoft Windows 2000 (preinstalled)	
Software	Diagnostics for Microsoft Windows DVD Playback Software Compaq Security Management Safety and Comfort Guide Acrobat Reader Reference Guide Compaq Easy Access Button Software	
System Recovery	Each unit is shipped with a CD kit for quick recovery (erases hard disk and restores manufacturer installed image) and software recovery (installs only selected standard software)	
Security	Configuration Control Hardware Memory Change Alert Ownership Tag Set-up Password Power-On Password DriveLock Enabled for PC SmartCard options Kensington Lock	

Standard Features

Power Supply	External 65-watt AC adapter, power cord included.
Battery	Standard 8-cell Lithium-Ion battery. The *Evo* Notebook N1000c provides over 3 hours of battery life using the standard 8-cell Lithium-Ion battery. **NOTE**: Actual results may vary with product model, configuration, and individual usage. Compaq results of 3:07 (hr:min) were achieved running the Business Winstone 2001 Battery Mark™ 1.0 on a N1000c with a Intel Pentium 4-M 1.6 GHz CPU, 15-inch XGA panel, 256-MB RAM, 30-GB HDD, 8X DVD/CDRW, 8-cell Lithium-Ion battery, and NIC/modem. System parameters were set according to eTesting Labs' recommendations: panel brightness 50%, hard drive timer three minutes. **NOTE**: This test was performed without independent verification by eTesting Labs Inc. eTesting Labs Inc. makes no representations or warranties as to the result of the test. BatteryMark is a trademark of Ziff Davis Publishing Holdings Inc., and affiliate of eTesting Labs Inc., in the U.S. and other countries.
Power Conservation	Hibernation Instant-on via Standby Pop-ups with three presets One custom level of power conservation ACPI compliant
MultiPort	MultiPort is a flexible, innovative solution providing customers the ability to connect to their choice of wireless standards such as 802.11b or Bluetooth™. This can be achieved by simply changing out the high-performance wireless module, which is integrated into the top of the notebook. The award-winning MultiPort offers a cost effective means to migrate to future wireless standards as they become available.
Docking	NEW! Port replicator and Advanced Port Replicator. The sleek, new port replicator and advanced port replicator designs provide simple and convenient port management. Features include NIC pass through, USB, and a 1394 digital port. Compatible across multiple platforms for lower total cost of ownership.
Service and Support	Compaq Services includes a Three-Year, Worldwide Limited Warranty, carry-in or pick-up and toll-free 7 x 24 hardware technical phone support. Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details. **NOTE**: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

Naming Convention

The Etymology of a Model name:


PRODUCT NAME (N1000C)
PROCESSOR (PENTIUM)
PROCESSOR SPEED (170=1.7 GHz)
DISPLAY (X=XGA; 5=15-INCH)
HARD DRIVE
OPTICAL DRIVE (W=DVD/CD-RW)
COMMUNICATION (C=MODEM+NIC)
MEMORY (25=256 MB)
OPERATING SYSTEM (O=MICROSOFT WINDOWS XP PROFESSIONAL; 2= MICROSOFT WINDOWS 2000)
N1000C P 170 X5 30 W C 25 O

Standard Features

MODELS

N1000CP170X530WC25O	**Display**	15-inch color TFT XGA	
	Processor	1.7 GHz Intel Pentium 4 processor-M	
	Cache Memory	512KB, L2 Cache	
	Memory	Standard	256 MB DDR SDRAM (266 MHz)
		Maximum	1024 MB DDR SDRAM (266 MHz)
	Optical Drive	DVD/CD-RW	
	Hard Drive	30-GB SMART	
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC	
	Graphics	ATI Mobility Radeon 7500, 64-bit video graphics	
	Video Memory	32-MB DDR VRAM	
	Audio	JBL Pro Speakers with bass reflex and 16bit stereo sound	
	Operating System	Microsoft Windows XP Professional	
	Warranty	3 Year Parts, 3 Years Labor, 0 Years On-Site (3-3-0)	
N1000CP170X530WC252	**Display**	15-inch color TFT XGA	
	Processor	1.7 GHz Intel Pentium 4 processor-M	
	Cache Memory	512KB, L2 Cache	
	Memory	Standard	256 MB DDR SDRAM (266 MHz)
		Maximum	1024 MB DDR SDRAM (266 MHz)
	Optical Drive	DVD/CD-RW	
	Hard Drive	30-GB SMART	
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC	
	Graphics	ATI Mobility Radeon 7500, 64-bit video graphics	
	Video Memory	32-MB DDR VRAM	
	Audio	JBL Pro Speakers with bass reflex and 16bit stereo sound	
	Operating System	Microsoft Windows 2000	
	Warranty	3 Year Parts, 3 Years Labor, 0 Years On-Site (3-3-0)	

Standard Features

			Series	N1000c	N1000c	N1000c	N1000c	N1000c
			CPU	P4-M 1.7GHz	P4-M 1.7GHz	P4-M 1.7GHz	P4-M 1.8GHz	P4-M 1.8GHz
			LCD	15.0" XGA	15.0" XGA	14.1" XGA	14.1" XGA	15.0" SXGA+
			Memory	256 MB (1 DIMM)	256 MB (1 DIMM)	256 MB (1 DIMM)	256 MB (1 DIMM)	256 MB (1 DIMM)
			HDD	30 GB	30 GB	30 GB	40 GB	40 GB
			Discrete Video Memory	32 MB	32 MB	32 MB	32 MB	32 MB
			Optical	DVD/CDRW	DVD/CDRW	DVD	DVD/CDRW	DVD/CDRW
			Diskette Drive	1.44 MB floppy	1.44 MB floppy	1.44 MB floppy	1.44 MB floppy	1.44 MB floppy
			Comm	Modem (Hendrix)/NIC	Modem (Indy)/NIC	Modem (Bowie)/NIC	Modem (Bowie)/NIC	Modem (Bowie)/NIC
			Input	Dual Point	Dual Point	Dual Point	Dual Point	Dual Point
			Battery	8-cell 4.0Ah	8-cell 4.0Ah	8-cell 4.0Ah	8-cell 4.0Ah	8-cell 4.0Ah
			Warranty	3 Year	3 Year	3 Year	3 Year	3 Year
NORTH AMERICA								
	US	N1000cP170X530WC25O	Windows XP Pro	**470037-782**				
		N1000cP170X530WC252	Windows 2000	**470037-783**				
	Fr Canada	N1000cP170X530WC25O	Windows XP Pro	**470039-985**				
		N1000cP170X530WC252	Windows 2000	**470039-988**				
ASIA PACIFIC								
	Australia	N1000cP170X530WC25O	Windows XP Pro		**470038-333**			
		N1000cP170X530WC252	Windows 2000		**470038-334**			
		N1000cP170X430VC25O	Windows XP Pro			**470038-695**		
		N1000cP170X430VC252	Windows 2000			**470038-696**		
		N1000cP180X440WC25O	Windows XP Pro				**470038-697**	
		N1000cP180X440WC252	Windows 2000				**470038-698**	
		N1000cP180P540WC25O	Windows XP Pro					**470038-699**
		N1000cP180P540WC252	Windows 2000					**470038-700**
	Asia Pacific	N1000cP170X530WC25O	Windows XP Pro		**470038-336**			
		N1000cP170X530WC252	Windows 2000		**470038-335**			
	India	N1000cP170X530WC25O	Windows XP Pro					
		N1000cP170X530WC252	Windows 2000					
	Korea	N1000cP170X530WC25O	Windows XP Pro		**470038-341**			
		N1000cP170X530WC252	Windows 2000		**470038-342**			

Options

Memory	512-MB DDR SDRAM (266 MHz) Memory Upgrade	269087-B25
	256-MB DDR SDRAM (266 MHz) Memory Upgrade	269086-B25
	128-MB DDR SDRAM (266 MHz) Memory Upgrade	269085-B25
Monitors	TFT8030 Flat Panel Color 18-inch (carbon/silver)	234362-xxx
	TFT7020 Flat Panel Color 17-inch with integrated speakers (carbon/silver)	253217-xxx
	TFT5017 Flat Panel Color 15-inch (carbon/silver)	263874-xxx
	TFT5017m Flat Panel Color 15-inch multimedia (carbon/silver)	279414-xxx
	TFT5030 Flat Panel Color 15-inch (carbon/silver)	228134-xxx
	S9500 19-inch CRT (carbon/silver)	261615-xxx
	V7550 17-inch CRT (carbon/silver)	261611-xxx
Other Storage Devices	IBM® 1-GB Microdrive™ (PC card Device)	217390-B25
	USB Disk-on-Key – 8MB	249552-B25
	USB Diskette Drive	230330-B25
Wireless Connectivity	802.11b MultiPort Wireless LAN module	233412-001
	Bluetooth MultiPort module	228057-B21
	Compaq WL110 Wireless LAN PC Card	191808-B21
	Compaq WL510 Wireless Enterprise Access Point	216709-001
	Compaq WL410 Wireless SMB Access Point	191811-001
	Compaq WL310 Home Office Access Point	191813-001
	Compaq Range Extender Antenna	230268-B21
	CDPD WWAN PC Card (U.S. Only)	238111-001
Expansion Bases	Port Replicator	269095-001
	Advanced Port Replicator	269094-001
	External MultiBay	217388-001
	Monitor Stand	274407-B25
Power	*Evo* Notebook N1000c 8 Cell primary battery (4.4Ah)	291369-B25
Common Power Solutions	External Battery Charger	265603-001
	External Battery Charger (Multiple Battery)	265604-001
	AC Adapter 65W	265602-001
	Aircraft Power Adapter 65W	265649-B25
	AC Line Cord (10-ft/3.1 m)	217932-002

Options

Input Devices	External Enhanced III Keyboard (carbon)	118003-008
	Compaq 2 Button Mouse (carbon)	103180-B21
	USB 2 Button Scroll Mouse (carbon)	195255-B25
	External 10-Key Numeric Keypad (carbon)	294317-B21
	USB EZ Access Keyboard	222726-008
	Wireless Keyboard and Mouse	251385-008
Security	Biometric PC Card	146805-B25
	Security Cable Lock	294316-B21
	Compaq Smart Card PC Card Reader	135646-B25
Useful Accessories	Compaq iPAQ Microportable Projector MP1200	261966-xxx
	Compaq iPAQ Microportable Projector MP3800	262839-xxx
	Compaq iPAQ Microportable Projector MP4800	257524-xxx
	Lamp Module L20 for MP1200	266631-B24
	Lamp Module L30 for MP3800	266633-B24
	Home Theatre Kit HT150 for MP3800	292187-B24
	Carrying Case for MP1200	295731-B24
	Lamp Replacement Kit for MP1600	118052-001
	Lamp Module for MP1800, MP1400	189789-001
	Lamp Module for MP2800, MP2810	215464-001
	Home Theater Kit HT110 for MP1410	246161-001
	Multimedia Adapter & Remote Control Kit MMA110 for MP1410	246162-001
	Multimedia Adapter & Remote Control Kit for MP1400, MP1800	174963-001
	Deluxe Carrying Case for MP Series projectors	253364-001
	Lamp Module for MP1410, MP1810	253365-001
	Lamp Module L90 for MP4800	257892-001
	Home Theater Kit HT180 for MP1200, MP4800	281729-001
	CeilingMount Kit CM10 for MP1200, MP4800	281730-001
	hp digital projector sb21	L1510A
	hp digital projector xb31	L1511A
	Ceiling Mount Kit for xb31	L1513A
	M1-A to component/USB video cable for sb21, xb31	L1523A
	M1-D to DVI/USB cable for sb21, xb31	L1529A
	Lamp Module for sb21	L1515A
	Lamp Module for xb31	L1516A

Memory

Compaq *Evo* N1000

STANDARD MEMORY PLUS OPTIONAL MEMORY

Support for up to 1024 MB of DDR SDRAM memory is available with the installation of optional DDR SDRAM Memory Kits.

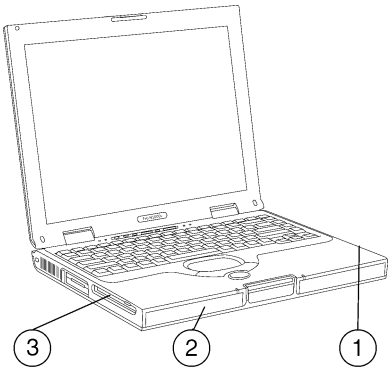
Memory	Slot 1	Slot 2
256 MB	256 MB	--
384 MB	256 MB	128 MB
512 MB	512 MB	--
768 MB	512 MB	256 MB
1024 MB	512 MB	512 MB

NOTE: This chart does not represent all possible memory configurations. Due to the non-industry standard nature of some third-party memory modules, we strongly recommend using only Compaq branded memory modules to ensure compatibility.

Following are memory options available from Compaq:

• 512-MB DDR SDRAM (266 MHz) Memory Upgrade	269087-B25
• 256-MB DDR SDRAM (266 MHz) Memory Upgrade	269086-B25
• 128-MB DDR SDRAM (266 MHz) Memory Upgrade	269085-B25

Storage



1. Dedicated optical drive
2. Primary Hard drive
3. Dedicated disk drive

DRIVE SUPPORT

System Drive Support	Quantity Supported	Drive Supported
DVD/CD-RW Combo Drive	1	Dedicated optical drive
DVD-ROM Drive	1	Dedicated optical drive
CD-ROM Drive	1	Dedicated optical drive
1.44-MB Diskette Drive	1	Dedicated Disk Drive
Hard Drives		
30-GB SMART Hard Drive	1	Dedicated hard drive bay

Technical Specifications

System Unit	**Dimensions** (H x W x D)	15-inch panel displays	1.55 x 12.89 x 10.53 in/3.95 x 32.75 x 26.75 cm
	Weight	15-inch LCD, DVD/CD-RW, 1 SODIMM	7.09 lb/3.22 kg
	NOTE: * = Weight varies by configuration.		
	Stand-Alone Power Requirements	Nominal Operating Voltage (Li-Ion)	14.4 V (8-cell)
		Average Operating Power	29.7 W Desktop
		Peak Operating Power	55 W
		Power in suspend mode	< 1000 mW
		Power in hibernation mode	< 100 mW
	Power Supply	Rated Input Voltage	100 to 240 VAC
		Rated Input Current	< 1.5 A
		Rated Frequency	50 to 60 Hz
	Temperature	Operating	50° to 95° F/10° to 35° C
		Non-operating	14° to 140° F/–10° to 60° C
	Relative Humidity	Operating	10% to 90% relative humidity, non-condensing
		Non-operating	5% to 90% relative humidity, 101.6°F/38.7°C Maximum wetbulb temperature
	Shock	Operating	10 G, 11 ms, half-sine
		Non-operating	60 G, 11 ms, half-sine
	Vibration	Operating	0.5 G zero-to-peak, 10 to 500 Hz, 0.25 oct/min sweep rate
		Non-operating	1.0 G, zero-to-peak, 10 to 500 Hz, 0.5 oct/min sweep rate
	Maximum Altitude (unpressurized)	Operating	0 to 10,000 ft/0 to 3,048 m
		Non-operating	0 to 30,000 ft/0 to 9,144 m
15-Inch Color TFT XGA Display	**Dimensions** (H x W)	11.8 x 9.0 in/30.4 x 22.8 cm	
	Diagonal Size	15.0 in/38.0 cm	
	Mounting	Internal Panel Supports, Side Mounted	
	Number of Colors	Up to 16.8M	
	Contrast Ratio	150:1	
	Brightness	150nt typ	
	Pixel Resolution	Pitch	0.297 x 0.297 mm
		Format	1024 x 768
		Configuration	RGB stripe
	Backlight	Edge Lit	
	Character Display	80 x 25	
	Total Power Consumption	5.0W	

Hard Drives			
30-GB	**Drive Weight**	0.22 lb/99 g	
	Capacity	30 GB	
	Height	0.374 in / 9.5 mm	
	Width	2.75 in / 70 mm	
	Interface	ATA-5	
	Transfer Rate	Synchronous (maximum)	100 MB/s (Drive Capability)
		Security	ATA Security
	Seek Time (typical reads, including settling)	Single Track	2.5 ms
		Average	12 ms
		Maximum	23 ms
	Rotational Speed	4200 rpm	
	Logical Blocks	58,605,120	
	Operating Temperature	41° to 131°F/5° to 55°C	
Diskette Drive	**Diskette Size**	3.5 in	
	Activity Indicator	On system	
	Height	0.5 in/12.7 mm	
	Bytes per Sector	512	
	Sectors per track	High density	18 (1.44 MB)/15 (1.2 MB)
		Low density	9
	Tracks per side	High density	80 (1.44 MB)/80 (1.2 MB)
		Low density	80
	Read/Write heads	2	
	Access Times	Track-to track (high/low)	3 ms/6 ms
		Average (high/low)	94 ms/174 ms
		Settling time	15 ms
		Latency average	100 ms

Technical Specifications

External AC Adapter	**Weight**	0.85 lb/0.385 kg	
	Power Supply (Input)	Operating Watts	65
		Operating Voltage	110 to 240 VAC RMS
		Operating Current	1.5 A RMS
		Operating Frequency Range	50 to 60 Hz AC
Lithium-Ion Battery Pack (8-cell)	**Dimensions** (L x W x D)	4.95 x 3.46 x 0.80 in/12.5 x 8.8 x 2.0 cm	
	Weight	0.96 lb/0.43 kg	
	Energy	Voltage	14.8 V
		Amp-hour capacity	Minimum 3.7 Ah Typical 3.9 Ah
		Watt-hour capacity	Minimum 53.2 Ah Typical 56.1 Ah
	Temperature	Operating	32° to 108°F/0° to 42°C
		Non-operating	32° to 140°F/0° to 60°C
DVD/CD-RW Drive	**Center Hole Diameter**	15 mm	
	Disk Diameter	12 cm, 8 cm	
	Disk Thickness	1.2 mm	
	Track Pitch	1.6 µm	
	Access Times (typical reads, including settling)	Random CD	< 120 ms
		Full-Stroke CD	< 175 ms
	Disk Diameter	Random DVD	< 140 ms
	Disk Thickness	Full-Stroke DVD	< 225 ms
	Audio Output Level	0.7 – 0.9 Vrms	
	Cache Buffer	2 Mbytes (minimum)	
	Data Transfer Rate (typical, including settling)	CD-R (8X)	1200 KB/s (150 KB/s at 1X CD rate)
		CD-RW (8X)	1200 KB/s (150 KB/s at 1X CD rate)
		CD-ROM (24X)	3600 KB/s (150 KB/s at 1X CD rate)
		DVD (8X)	10,800 KB/s (1352 KB/s at 1X DVD rate)
		Normal PIO Mode 4 (single burst)	16.6 MB/s
	Start-up Time	Single	< 7 seconds (typical)
		Multi-Session	< 30 seconds (typical)
	Stop Time	< 3 seconds (typical)	

802.11b MultiPort Module	**Form Factor**	Compaq "MultiPort"	
	Weight	0.22 lb/100 g (maximum)	
	Operating Temperature	Operating,	14° to 149° F/–10° to 65° C
	Storage Temperature	Non-operating	–40° to 176° F/–40° to 80° C
	Humidity	Operating	10% to 90%
		Non-operating	5% to 95%
	Altitude	Operating	0 to 15,000 ft/4,572 m
		Non-operating	0 to 40,000 ft/12,192 m
	Plug and Play	USB 1.1 compliant	
		Microsoft Windows Plug and Play compliant	
	RF Network Standard	IEEE 802 Part 11b (802.11b)	
	Frequency Band	2,4000 to 2.4835 GHz	
	Number of Selectable Sub-channels	**Worldwide Certification**	United States (FCC) 11
	Data Rates	1, 2, 5.5, 11 Mbps	
	Antenna type	Internally integrated within module (with special polarization diversity)	
	WEP Security	64-bit encryption keys compliant to IEEE 802.11	
		128-bit encryption key compliant to IEEE 802.11	
		Ability to enter keys manually or via pass-phrase	
	Network Architecture Models	Ad-hoc (Peer to Peer)	
		Infrastructure (Access Points Required)	
	Modulation Technique	Direct Sequence Spread Spectrum	
		DBPSK, DQPSK, CCK	
	Receiver Sensitivity – Bit Error Rate (1E-5)	11 Mbps: -85 dBm	
		5.5 Mbps: -87 dBm	
		2 Mbps: -91 dBm	
		1 Mbps: -94 dBm	
	Maximum Receive Level	–4 dBm	
	Output Power (approximately)	18 dBM	
	Operating Voltage	5V power operation	
	Power Management	Keystroke Fn+F2 Power On/Off control	
	Power Consumption	Transfer mode: < 600 mA, maximum	
		Receive mode: > 400 mA, maximum	
		Standby mode: > 1 mA, maximum	
	Transmit Power	10 to 100mW It is preferable to have the user configurable output power to save battery life for laptop users or in high AP coverage areas	
	Power Saving Option	802.11 Compliant Power Saving	
		Power Saving Mode selectable through the configuration utility	
		ACPI compliant power management	
	Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK	
	OS Support	Microsoft Windows 2000	
		Microsoft Windows XP Home	
		Microsoft Windows XP Pro	
	Protocols Supported	TCP/IP	
		IPX/SPX	
		UDP	
	LED Activity	Flashing LED – AP Search Mode	
		Solid LED – On	
		LED Off – Power Off	

Throughput, Data Rate and Operating Distance	**Throughput**	**Data Rate**	**Operating Distance**
	> 4.5 Mbps	11 Mbps	• 1000 feet – Open sight • 100 feet – Closed space (Steel Space)
	> 2 Mbps	5.5 Mbps	• 1100 feet – Open sight • 200 feet – Closed space (Steel Space)
	> 700 Kbps	1 Mbps	• 1200 feet – Open sight • 300 feet – Closed space (Steel Space)

Bluetooth MultiPort Module	**Form Factor**	Compaq "MultiPort"	
	Bluetooth	1.1 Compliant	
	Dimensions	2.2 x 6.6 x 0.55 in/5.6 x 16.7 x 1.4 cm	
	Weight	0.22 lb/100 g (maximum)	
	Temperature	Operating	50° to 104°F/10° to 40°C
		Non-operating	–4° to 140°F/–20° to 60°C
	Humidity	Operating	10% to 90%
		Non-operating	5% to 95%
	Altitude	Operating	0 to 10,000 ft/3,048 m
		Non-operating	0 to 30,000 ft/9,144 m
	Plug and Play	USB 1.1 compliant	
		Microsoft Windows Plug and Play compliant	
	Frequency Band	2,4000 to 2.4835 GHz	
	Number of Available Channels	79 (1 MHz) available channels	
	Data Rates and throughput	1 Mbps	
		Synchronous Connection Oriented links up to 3, 64 kbps, voice channels	
		Asynchronous Connection Less links 723.2 kbps/57.6 kbps asymmetric or 433.9 kbps symmetric	
	Antenna type	Internally integrated within module (with special polarization diversity)	
	Range	328 ft/100 m	
	Profile Support	General Access Profile	
		Service Discovery Application Profile	
		Serial Port Profile	
		Generic Object Exchange Profile	
		File Transfer Profile	
		Synchronization Profile	
		Dial-Up Networking Profile	
		LAN Access Profile	
		Object Push Profile	

Bluetooth MultiPort Module *(continued)*	**Usage Models**	Service Discovery (determine what Bluetooth devices are within range and support authorization)
		Synchronization:
		PDAs to PCs
		Portable to Desktop
		File Transfer:
		File and directory browsing and navigation on another Bluetooth device.
		File copying
		Object manipulation – including add, delete, create new folders etc.
		Wireless link to Corporate LAN using several Bluetooth devices sharing the same
		Access Point:
		Corporate email, network neighborhood, access to LAN applications, file transfer, ftp, Internet browsing, etc, using TCP/IP
		Wireless link to WAN thru cell phone
		GSM/SMS, PCS, PHS, DECT, RAM, ARDIS, CDPD, etc.
		Agnostic to WAN technology
		Send/receive SMS messages
		Wireless link to Printer
		Adhoc peer to peer networking (two computers) or Personal Area Networking (PAN) using NDIS (< 7 computers)
		Adhoc Bluetooth Pico-networking (point to multi-point)
		Object Push – Business card or appointment exchange
	Transmit Power	< 20 dBM (Bluetooth Class 1)
	Receive Sensitivity	Better than –70 dBM at 0.1 % raw bit error rate
	Link Topology	Point to Point, Multipoint Pico Nets up to 7 slaves
	Security	Full support of Bluetooth Security Provisions
	Network Architecture Models	Ad-hoc (Peer to Peer)
		Infrastructure (Access Points Required)
	Power Requirement	Peak < 1500 mW
		Average < 500 mW
		Standby < 250 mW
	Power Management	Microsoft Windows ACPI, and USB Bus Support
		Keystrokes Fn+F2 Power On/Off control
		Self configurable to optimize power conservation in all operating modes, including Standby, Hold, Park, and Sniff
	OS Support	Microsoft Windows 2000
		Microsoft Windows XP Home
		Microsoft Windows XP Pro
	Protocols Supported	TCP/IP
		IPX/SPX
		UDP
	LED Activity	Solid Blue LED – On
		LED Off – Power Off
	Certifications	All necessary regulatory approvals for countries we support including:
		FCC (47 CFR) Part 15C, Section 15.247 & 15.249
		ETS 300 328, ETS 300 826
		Low Voltage Directive IEC950
		UL, CSA, and CE Mark

Type III Mini PCI 56K (V.92) Modem	**Form Factor**	Mini-PCI Type III per Specification
	Power Management Support	APM Revision 1.2, ACPI, Compaq Power Management Extensions for Microsoft Windows NT®
	Approvals/Certifications	UL, CSA, NEMKO, CCIB, Industry Canada, FCC Part 68, CTR21, FCC Part 15 Class B, Canadian ICES-003 Class B, C.I.S.P.R.22, Australian ACA, CE Mark, Other Countries
	Data Mode Capabilities	V.92 (a-law,mu-law) V.90 (a-law, mu-law) V.8bis V.80 V.44 bis, MNP5 (compression) V42.bis, MNP5 (Compression) V.42 (LAPM, MNP2-4) (Error Correction) V.34 (file date: 10/96) **Optional symbol rates**: 2800, 3429 Asymmetric Symbol rates **Synchronous primary channel data signaling rates**: 3600, 31200 Automatic rate re-negotiation V.32bis V.32 V.23 V.22bis V.22 V.21 Bell 212A Bell 103J
	Fax Mode Capabilities	TIA-578-S (Class 1) T.30, T.4 (Group 3) V.17 V.29 V.27ter V.21 Channel 2
	Command Set	V.250 (Partial) TIA-602 Identification: +GMI, +GMM, +GMR Port control: +IPR, +ICF, +IFC, +LIRR Modulation: +MS, +MR, +MA Error control: +ES, +ER, +EB, +ESR, +ETBM Data compression: +DS, +DR V.251

Integrated 10/100 NIC	**NIC Device Driver Name**	Intel PRO/100 P Mobile Combo Adapter
	Data Link Layers	IEEE 802.2 LLC
		SNAP
	Ethernet Features	10 Mbps Ethernet: IEEE 802.3 standard 10BASE-T
		100 Mbps Ethernet: IEEE 802.3u standard 100BASE-TX
		Full Duplex at 10 and 100Mbps
		Auto-Negotiation
		Wake on LAN from all power managed states, including soft off (S5)
		Boot on LAN from OFF
		Lower Power State on Link Loss
	Software support	IBM LAN Server Version 1.2, 1.3, 2.0, 4.0
		Microsoft NT 3.51, NT 4.0. Microsoft Windows 2000
		Novell Netware 3.1x, 4.x, 5.x
	Protocol support	TCP/IP
		Novell IPX/SPX and Microsoft compatible
		Novel IPX ODI
		Microsoft NetBEUI
		IBM DLC

Compaq PCs use genuine Microsoft® Windows®
http://www.microsoft.com/piracy/howtotell

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